

Method and arrangement for making a handover decision in a mobile communication system

Patent Number:

☐ US6285884

Publication date:

2001-09-04

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Requested Patent:

☐ WO9731496

Application Number:

US19980117486 19981008

Priority Number(s):

FI19960000766 19960220; WO1997FI00101 19970218

IPC Classification:

H04Q7/20

EC Classification:

H04Q7/38H12

Equivalents:

AU1796997, ☐ AU721555, CN1102015B, CN1212110, ☐ EP0885540 (WO9731496), ☐ FI103171B, FI960766, JP2001503924T

Abstract

The invention relates to a method and arrangement for making a handover decision in a mobile communication system of multilayer radio coverage, which comprises measuring at a mobile station (MS) a radio signal transmitted by a base station (BTS) of a microcell, and reporting the measurement results at substantially regular intervals. The invention is characterized by determining a relative speed for the mobile station on the basis of the number and classification of the measurement results received at substantially regular intervals. Mobile stations moving at a speed slower than the relative speed are defined as slow moving and commanded to register in the base station of a suitable microcell (A, B, C)